

IV Claims 26 - 28, drawn to an apparatus for producing a frequency modulated signal comprising a signal source adapted to generate a frequency modified signal and a dispersive element, classified in class 359, subclass 278.

Applicants hereby cancel claims 10 - 28 and affirm election of Group I (i.e., claims 1 - 9 and 29 - 30), with traverse.

AMENDMENT

In the Specification

Please replace the second complete paragraph on page 5 with the following:

The constant amplitude, frequency modulated output of the DBR laser was focused by means of a graded index (GRIN) lens into a fiber pigtailed optical isolator 7 (available as model number I-15-PIPT-MU-A from isowave, Inc., Dover, NJ) which prevented backreflections from destabilizing the laser. To monitor the output of the laser, a portion of the light exiting the isolator was split off by focussing the light into one input of a 1550 nm 95/5 single mode fiber optic coupler/splitter (Gould Fiber Optics, Millersville, MD). The 5% output of the splitter was directed into an optical spectrum analyzer (OSA) 80 (available as model number HP 70950B from Hewlett Packard, Inc., Palo Alto, CA).


A version marked up to show changes made to the specification relative to the previous version of the specification is attached.

In the Drawings

Please replace Figure 1 with new Figure 1 included with this response.

In the Claims:

Please amend claims 1, 3 - 6, 8 as follows:

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1. (amended) A method for generating a pulse train, comprising the steps of:
 - providing a frequency modulated signal; and
 - impinging the signal on a dispersive element, said dispersive element being adapted to compress the signal in time to produce said pulse train.